

| QUERY CONTROL FORM               |                         | RTIS USE ONLY                  |  |
|----------------------------------|-------------------------|--------------------------------|--|
| Application No. <u>091141043</u> | Prepared by <u>DF</u>   | Tracking Number <u>5893443</u> |  |
| Examiner-GAU <u>LEC-2881</u>     | Date <u>3-24-04</u>     | Week Date <u>1-19-04</u>       |  |
|                                  | No. of queries <u>1</u> | <u>IFW</u>                     |  |

## JACKET

- |                      |                        |                    |                |
|----------------------|------------------------|--------------------|----------------|
| a. Serial No.        | f. Foreign Priority    | k. Print Claim(s)  | p. PTO-1449    |
| b. Applicant(s)      | g. Disclaimer          | l. Print Fig.      | q. PTOL-85b    |
| c. Continuing Data   | h. Microfiche Appendix | m. Searched Column | r. Abstract    |
| d. PCT               | i. Title               | n. PTO-270/328     | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed      | o. PTO-892         | t. Other       |

## SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

## CLAIMS

- a. Claim(s) Missing
- ☒ b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

## MESSAGE

MESSAGE CLAIMS 5 & 6 (ORIGINAL)  
CLAIMS 4 & 5) HAVE UNACCEPTABLE  
multiple dependencies.

PLEASE CORRECT DEPENDENCIES

THANK YOU

initials

## RESPONSE

initials

4. (Original): A spectrometer according to <sup>any of</sup> claims 1 to 3 wherein the direction of the ion beam at the entry to the acceleration means is inclined at any angle to the direction of acceleration.

5. (Original): A spectrometer according to <sup>any of</sup> claims 1 to 4, in which the focusing means comprises reflection means for reflecting the particles in the beam in such a way that the higher the kinetic energy of particles of a given charges and mass, the longer the path of those particles through the reflection means, the reflection means being situated in the path of the beam between the two detectors.

6. (Original): A spectrometer according to claim 5, in which the focusing means comprises further reflection means positioned in the path of the beam between the sample and first of the detectors so that the beam is of a generally serpentine shape.

7. (Original): A spectrometer according to any of the preceding claims, in which the spectrometer includes a laser for releasing said ionized particles from the sample or any other ion source used in mass spectrometry.

8. (Original): A spectrometer according to any of the preceding claims, in which the focusing means further comprises delay means for delaying the operation of the acceleration means for a set time after the release of said ionized particles.

9. (Original): A spectrometer according to any of the preceding claims, in which the spectrometer includes data processing means is connected to both detectors and is operable to identify corresponding portions of the detector outputs, and measure the difference between the times at which said portions occurred.

10. (Original): A spectrometer according to claim 8, in which said portions comprise peaks in the outputs of the detectors.

2/29/04